



## TURINYS

Ką siūlo Oxford Medicine Online?.....	02
Navigacija namų puslapyje.....	02
Išplėstinė paieška.....	03
Darbas su greitos paieškos rezultatais.....	04
Navigacija pilnateksčiuose dokumentuose.....	05
Vaizdų parsisiuntimas.....	06
Naujo vartotojo registracija ir asmeniniai pakeitimai.....	07
Knygos citavimas.....	08

## Ką siūlo Oxford Medicine Online?

- Tinklalapį su prieiga prie daugybės aukštos kokybės pilnatekusių, patikimų Oxford University Press medicinos leidinių.
- Svarbų šaltinį vienoje vietoje, suteikiantį greitą prieigą prie patikimos informacijos.
- Skirta medicinos studentams, gydytojams, slaugėms, akušeriams ir konsultantams – visiems, kuriems reikia patikimos informacijos greitai.

## Navigacija namų puslapyje

- Namų puslapyje vartotojai gali surasti turinį greitai ir intuityviai. Paieškos ir naršymo pasirinkimai yra prieinami kiekviename puslapyje, taip pat ir prieiga prie išplėstinės (ang. *Advanced Search*) paieškos konkretesnei paieškai.
- Naršyti pagal specialybę (ang. *Specialty*); karjeros pakopą (ang. *Career Stage*); serijas (ang. *Series*);
- **Q&A** jums suteikia galimybę pasiruošti egzaminams, spręsti testus ir patikrinti savo žinias bei jas gilinti ateityje (reikalinga registracija).

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Q&A FOR SELECTED TITLES ON

A Focus On: Psychiatric Validity

Trans-disciplinary validation between neuroscience and psychopathology: evidence from brain functional imaging of a subject in At-Risk-Mental-State (AMRS). Image courtesy of Professor Stefan J. Borgwardt.

Continuous debates around the types and phases of **validity of psychiatric diagnosis** have been a significant vector for the development of psychiatric classifications over the last half of the 20th century, and into the new millennium. Emerging pro- and anti-psychiatry movements, as well as the new philosophy of mental health conceived by values-based practice, have triggered a process of conceptual revision of the existing models of validation in mental health.

Psychiatry as a **hybrid discipline** that embraces facets from both the natural sciences and humanities has adopted relevant heterogeneous approaches to validity and classification. On the one hand, psychiatry adopted from medicine the categorical stance which resembled typical medical nosological units with narrow borders constituted from exclusion and inclusion criteria. This model turned out to be misleading, due to the lack of etiologically sound explanations and biomarkers robust enough to underpin

Ebola Virus: In response to the outbreak of the Ebola virus in West Africa, Oxford University Press has made 50 articles from leading journals and online resources freely accessible to assist researchers, medical professionals, policy makers, and others working on the containment, treatment, and prevention of Ebola hemorrhagic fever. Included in this collection is our previous home page article, *A Focus On: Ebola*, written by internationally renowned expert Dr Alexander van Tulleken.

Helpful Resources:

- Watch the [guided tour](#)
- Download a [full title list](#)
- Read the [FAQs](#)
- Access previous [homepage articles](#)

For Librarians:

- Download [MARC records](#)
- Resources [for librarians](#)

NEWS

DECEMBER 11, 2014

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## Išplėstinė paieška

- Išplėstinė paieška prieinama kiekviename puslapyje ir suteikia galimybę naudotis galingesne ir sudėtingesne pilnateksčių dokumentų paieška Oxford Medicine Online duomenų bazėje.
- Naudokitės išskleidžiamais meniu, norėdami pasirinkti reikšmes jūsų paieškos kriterijams.
- Spauskite *Add Row* arba *Remove Row*, kad pridėtumėte ar pašalintumėte daugiau paieškos laukelių.

The screenshot shows the Oxford Medicine Online website. At the top, there is a navigation bar with links: About, What's New, Subscriber Services, Contact Us, Take a Tour, FAQs, Help, and a user profile section for Vardenis Pavardenis with links for My Work and Sign Out. Below this is a search bar with the text 'Search' and a magnifying glass icon. To the right of the search bar is a dropdown menu for 'Search within my specialty: Select ...'. The main header area features the text 'OXFORD MEDICINE ONLINE' in large, teal letters. Below the header is a teal navigation bar with dropdown menus for 'Specialty', 'Career Stage', and 'Series', and buttons for 'My Content (0)' and 'My Searches (1)'. The main content area is titled 'Advanced search' and includes a brief instruction: 'Search by entering a word or phrase in the search field. Add new row(s) to include additional words or phrases and refine your search further.' Below this is a search form with a dropdown menu set to 'Full Text' and a text input field containing 'HIV treatment'. Below the input field is another dropdown menu set to 'And' and another 'Full Text' dropdown menu with an empty text input field. To the right of the second input field is a button labeled '[-] Remove row'. Below the search form is a button labeled '[+] Add row'. At the bottom of the search form are two buttons: 'Clear' and 'Search'.

## Darbas su greitos paieškos rezultatais

- Galima pakeisti arba pašalinti filtrus.
- Pakeisti, kiek pavadinimų pateikiama paieškos rezultatų sąrašė. (1)
- Spausdinti, išsaugoti, persiųsti el. paštu arba pridėti į žymes (ang. *Bookmarks*). (2)
- Pakeisti rodomų rezultatų skaičių viename puslapyje ir kitus rūšiavimo pasirinkimus. (3)
- Dar labiau prafiltruokite rezultatus, naudodami pasirinkimus kairėje pusėje. (4)
- Paieška rezultatuose. (5)

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Specialty Career Stage Series My Content (0) My Searches (1)

### Search Results

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Search within results **5**

**Narrow Your Choices** **4**

By Availability

Unlocked  
 **FREE** Free  
 Restricted

Update

Recently Published

By Specialty

[+] Allied Health Professions (54)  
Anaesthetics (418)  
[+] Clinical Medicine (3039)  
Community Medical Services (19)  
Dentistry (10)  
Drugs and Medicines (138)  
Emergency Medicine (183)  
Forensic Medicine (10)  
Haematology (53)  
History of Medicine (6)  
Intensive Care (174)  
[+] Medical Dentistry (59)  
Medical Ethics (3)

You are looking at 1-10 of 5,146 chapters for:  
skin infections x

Download result of the search (.pdf)

5,146 CHAPTERS 23 BOOKS

Items per page: **3** by: Relevance View: **1**

**Infections and the skin**  
In Disorders of the skin  
Roderick Hay  
in Oxford Textbook of Medicine (5 ed.)  
Series: Oxford Textbooks  
Published Online: May 2012  
eISBN: 9780199570973  
DOI: 10.1093/med/9780199204854.003.2310\_updat  
e\_001  
Career: Doctor, Qualified, specialist  
Specialty: Clinical Medicine, Dermatology  
Item type: chapter  
ISBN: 9780199204854

ndary skin infections . The infections are discussed in detail in Chapter 7.7.1 Fungal infections

**Skin and soft tissue infections**  
In Clinical syndromes  
Mike Sharland, Andrew Cant, E. Graham Davies, David A. C. Elliman, Susanna Esposito, Adam Finn, Jim Gray, Paul T. Heath, Hermione Lyall, Andrew J. Pollard, Mary E. Ramsay, Andrew Riordan, and Delane Shingadia (eds)  
in OSH Manual of Childhood Infections: The Blue Book (3 ed.)  
Print Publication Year: Apr 2011  
Series: Oxford Specialist Handbooks, OSHs in Paediatrics  
Published Online: Oct 2011  
eISBN: 9780191726262  
DOI: 10.1093/med/9780199573585.003.0203  
Career: Doctor, Qualified, early specialism training  
Specialty: Pathology, Clinical Medicine, Infectious Diseases  
Item type: chapter  
ISBN: 9780199573585

Show related links



## Navigacija pilnateksčiuose dokumentuose

- Naudokitės turiniu (ang. *Contents*) greitam knygos naršymui. (1)
- Parsisiųskite PDF dokumentą, kad bet kada galėtumėte jį skaityti. (2)
- Spausdinkite, išsaugokite, cituokite, persiųskite el. paštu arba dalinkitės socialiniuose tinkluose. (3)
- Naudokitės paieška pačiame dokumente. (4)

The screenshot displays the Oxford Medicine Online interface. At the top, there is a navigation bar with links for 'About', 'What's New', 'Subscriber Services', 'Contact Us', 'Take a Tour', 'FAQs', and 'Help'. A user is logged in as 'Vardenis Pavardenis' with options for 'My Work' and 'Sign Out'. A search bar is located in the top right corner. Below the navigation bar, there are filters for 'Specialty', 'Career Stage', and 'Series'. The main content area features a book cover for 'OSH Paediatric Respiratory Medicine' by Jeremy Hull, Julian Forton, and Anne Thomson. The book's details, including the publisher (Oxford University Press), ISBN, and DOI, are listed. A sidebar on the left shows the 'LITHUANIAN UNIVERSITY OF HEALTH SCIENCES' logo and a 'Sign in' button. Below this is a search bar and a 'Contents' section with a list of chapters, including 'Front Matter', 'Part I Approach to clinical problems', and 'Part II Specific conditions' with sub-chapters like 'Asthma', 'Cystic fibrosis', and 'Respiratory pathogens'. A 'Download chapter (pdf)' button is visible next to the chapter title 'HIV infection a'. The bottom of the page includes a 'Show related links' button.

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Specialty Career Stage Series My Content (4) My Searches (8)

Back to Results

**OSH Paediatric Respiratory Medicine**  
Jeremy Hull, Julian Forton, and Anne Thomson

Publisher: Oxford University Press  
Print ISBN-13: 9780199204847  
DOI: 10.1093/med/9780199204847.001.0001

Print Publication Date: May 2008  
Published online: Oct 2011

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Search within... 4

Contents 1

[+] Front Matter

[+] Part I Approach to clinical problems

[-] Part II Specific conditions

- Part II Specific conditions
- Chapter 14 Asthma
- Chapter 15 Cystic fibrosis
- Chapter 16 Respiratory pathogens
- Chapter 17 Community-acquired pneumonia
- Chapter 18 Bacterial infections
- Chapter 19 Viral infections
- Chapter 20 Fungal infections
- Chapter 21 Parasitic and protozoal infections
- Chapter 22 Tuberculosis

**HIV infection a** 2 Download chapter (pdf)

Chapter: HIV infection  
Author(s): Jeremy Hull, Julian Forton, and Anne Thomson  
DOI: 10.1093/med/9780199204847.003.0023

Overview [link]  
Respiratory problems [link]  
When to suspect HIV infection [link]  
Investigations, treatment, and outcome [link]

**Overview**

- Children with HIV infection often present with respiratory illnesses.
- The incidence of HIV infection in children shows strong geographic variability. In some parts of sub-Saharan Africa 10–30% of children are infected. The incidence of HIV infection in children in most Western countries is falling because of effective perinatal prevention of vertical transmission.
- It is important for the respiratory paediatrician to be familiar with the clinical features that may suggest a child has HIV infection. The usual clinical question will be: could this child, who has a respiratory illness, have HIV infection as an underlying aetiology? Respiratory paediatricians may also be involved in the care of children with HIV who develop acute or chronic respiratory illness.

Show related links

## Vaizdy parsisiuntimas

- Galite padidinti iliustracijas arba parsisiųsti PowerPoint skaidres.
- Paspauskite ant **View full-sized figure** arba **Download figure as PowerPoint slide** nuorodų.
- Tada atsidaros *jpg* formato paveikslukas arba PowerPoint skaidrė.

this book are correct. Readers must therefore always check the product information and clinical procedures with the most up to date published product information and data sheets provided by the manufacturers and the most recent codes of conduct and safety regulations. The authors and the publishers do not accept responsibility or legal liability for any errors in the text or for the misuse or misapplication of material in this work. Except where otherwise stated, drug dosages and recommendations are for the non-pregnant adult who is not breastfeeding.

## Viral structure and genetic diversity

### Viral structure and replication

HIV belongs to the family *Retroviridae* and the genus *Lentivirus*: Lenti meaning slow due to the long time from infection to disease. HIV, being a retrovirus, encodes the enzyme, reverse-transcriptase, which makes DNA from viral RNA. HIV genetic material, as proviral DNA in the nucleus of infected cells, is able to persist in long-lived reservoirs such as resting T-cells, thwarting efforts to clear HIV from the body.

Viral particles are spherical, about 100 nm in diameter. HIV has two major structural components—the core and the envelope. The core comprises the Gag (group-associated antigens) proteins, including the matrix protein (p17), which lies just beneath the envelope, and the capsid protein (p24) which encloses the viral RNA. The envelope, a lipid membrane, consists of two 'Env' glycoproteins, gp120 and gp41. These proteins exist as trimers on the viral surface facilitating binding and entry to the host cell. Besides reverse transcriptase, two other enzymes, integrase and protease, collectively known as polymerases, are carried inside the viral particle and are encoded by the 'Pol' gene of HIV. In addition to the major structural proteins, a number of regulatory and accessory proteins are also produced, including: Tat and Rev, which enhance levels of gene expression, and Vif, Vpr, Vpu, and Nef, which function to increase viral production and infectivity. Regulatory and accessory proteins are usually only produced once the virus infects cells and are not present inside the viral particles (Morris & Cilliers 2005).

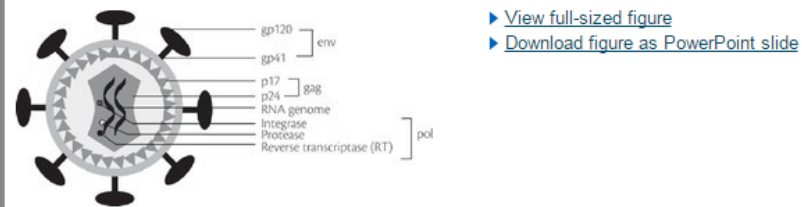


Fig. 9.13.1

Schematic diagram of HIV showing the constituent proteins and enzymes.

Source: Adapted from Morris & Cilliers (2005), with permission from Cambridge University Press

HIV can attach to any cell that has a CD4+ receptor. Although these receptors are found primarily on the CD4+ lymphocytes, they are also found on a range of mononuclear cells including macrophages, B cells, mature CD8+ cells, and cells in the central nervous system. The process of HIV replication begins when gp120 binds to surface CD4+ and a co-receptor molecule, either CCR5 or CXCR4 (Moore & Doms 2003). Once HIV has successfully attached to the cell, a conformational change occurs allowing gp41 to insert itself into the host cell membrane. The capsid is then intruded into the cytoplasm of the cell where the viral RNA is reverse-transcribed to DNA and transported to the nucleus where, with the aid of the viral enzyme integrase, it is incorporated into human DNA. The transcription process, however, is imperfect, and mutations are common occurrences during replication. The 'errors' in this step are a major reason why HIV is able to escape the immune system and persist (Weiss 2001).

After the viral DNA has been incorporated into the host DNA, it is indistinguishable from the host DNA and is referred to as the 'provirus'. Each time the cell divides, the viral DNA will be passed on to the progeny cells. Proviral DNA can remain quiescent for extended periods of time or become transcriptionally active, particularly in cases where there is inflammation

## Naujo vartotojo registracija ir asmeniniai pakeitimai

- Asmeniniai pakeitimai (prisijungus prie savo paskyros) leidžia jums išsaugoti nuorodas į dažnai naudojamą knygą, skyrius ir paieškos rezultatus.
- Susikurkite asmeninę paskyrą (įrašykite **savo** asmeninio el. pašto adresą).
- Spauskite **My Work**.
- Peržiūrėkite savo naujausią veiklą paspaudę **Most Recent**.
- Peržiūrėkite nuorodas į išsaugotus skyrius ir knygas paspaudę **My content**.

Create a personal profile to allow you to save content and searches for future visits.

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FULL NAME

EMAIL ADDRESS

PASSWORD (AT LEAST 6 CHARACTERS)

CONFIRM PASSWORD

TYPE THE CHARACTERS YOU SEE BELOW INTO THE BOX

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Search

Search within my specialty: Select ...

Specialty Career Stage Series My Content (20) My Searches (6)

MOST RECENT (2) MY CONTENT (1) MY SEARCHES (1) MY ANNOTATIONS (0) MY ACCOUNT

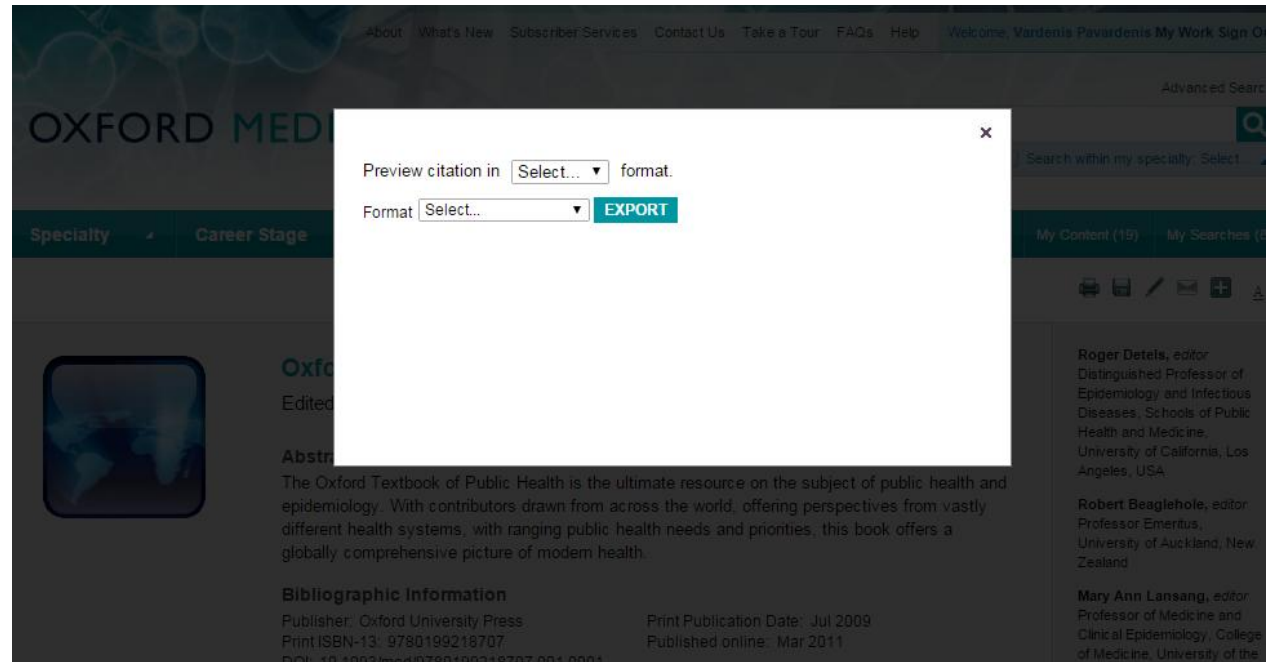
You're looking at 1–2 of 2 items.

<input type="checkbox"/>	Title	Type	Date Saved	Action
<input type="checkbox"/>	Acquired immunodeficiency syndrome - Oxford Medicine	Book	Saved today	Cite Delete
<input type="checkbox"/>	Full Text: HIV treatment	Search	Saved today	Edit Delete

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- Galite eksportuoti citatas per EndNote, ReferenceManager, ProCite, RefWorks, Zotero ir BibTex.
- Spauskite ant pieštuko piktogramos įrankių juostoje, kad atidarytumėte citatų eksportavimo langą.
- Pasirinkite norimą eksportavimo formatą (MLA, APA arba Chicago) iš išskleidžiamo sąrašo ir spauskite **Export**.
- Taip pat galite peržiūrėti ir nukopijuoti iš pasirinktų formatų.



The screenshot displays the Oxford Medicine website interface. A white dialog box is open in the center, titled "Preview citation in" with a dropdown menu set to "Select..." and the word "format." to its right. Below this, there is another dropdown menu labeled "Format" also set to "Select...", followed by a blue button labeled "EXPORT". The background shows the website's header with navigation links like "About", "What's New", and "Subscriber Services". Below the header, there are tabs for "Specialty" and "Career Stage". The main content area features a book cover for "The Oxford Textbook of Public Health" and a list of editors: Roger Detels, Robert Beaglehole, and Mary Ann Lansang. Bibliographic information is also visible, including the publisher (Oxford University Press), print ISBN (9780199218707), and online publication date (Mar 2011).